


Massachusetts Fire Training Council

Driver/Operator- Aerial Practical Certification Examination

Skill Sheet No.	DOA-941 (a)	03-01-05	Candidate Number	
Skill Title: Pre-Trip Inspection Page 1				
NFPA Objective:	3-1 thru 3-1.3, 3-2 thru 3-2.44-5.4	Minimum to pass:	32	
PERFORMANCE:				P F

		OUTSIDE CHECK, APPROACHING VEHICLE				
	1.	Checks general condition of apparatus as vehicle is approached. (Looks for damage to vehicle or if leaning to one side.)				
	2.	Checks under vehicle for leaks of oil, grease, coolant, or fuel.				
		ENGINE COMPARTMENT				
	3.	Verifies parking brake is engaged.				
	4.	Verifies wheels are chocked.				
	5.	Checks engine oil.				
	6.	Checks coolant level.				
	7.	Checks power steering fluid level.				
	8.	Checks windshield washer level.				
	9.	Checks belts for tightness and wear.				
	10.	Checks for leaks.				
	11.	Checks batteries.				
		INSIDE CAB				
	12.	Verifies parking brake is engaged.				
	13.	Verifies automatic transmission is in "P" or "N".				
	14.	Starts engine. Listens for unusual noises.				
	15.	Checks automatic transmission fluid level.				
	16.	Checks all gauges, verifies that all are registering in normal ranges. (Oil pressure, ammeter, coolant temperature, oil temperature, warning lights)				
	17.	Checks operation of all controls. (Steering wheel, accelerator, brakes, transmission, horn, windshield wipers/washer, light switches)				
	18.	Checks windshield.				
	19.	Checks and adjusts mirrors.				
		LIGHTING				
	20.	Checks headlights. (Low and high beams)				
	21.	Checks running lights, parking lights, brake lights.				
	22.	Checks turn signals/four-way flashers				
	23.	Checks warning lights. (Front, rear, sides)				
	24.	Shuts down engine.				

 Failure of this critical portion is cause for entire skill failure

Examiner Signature _____ Date ____/____/____

Print and Sign _____

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Skill Sheet No.	DOA-941 (b)	03-01-05	Candidate Number	
Skill Title: Pre-Trip Inspection Page 2				
NFPA Objective:	3-1 thru 3-1.3, 3-2 thru 3-2.44-5.4	Minimum to pass:	Previous page	
PERFORMANCE:				P F

WALK AROUND INSPECTION					
25.	Starts at left front, checks exterior in a clockwise direction.				
26.	Checks left front wheel, tire, tread, inflation, suspension.				
27.	Checks windshield, wipers.				
28.	Checks right front wheel, tires, tread, inflation, suspension.				
29.	Checks right side cab doors.				
30.	Checks right side caps, valves, drains, etc., if so equipped.				
31.	Checks right side compartments and compartment doors.				
32.	Checks right rear wheels, tires, tread, inflation, suspension.				
33.	Checks aerial turntable for cleanliness, excess grease, fluids, etc.				
34.	Checks aerial, rollers, pawls, cables for obvious defects.				
35.	Checks left rear wheels, tires, tread, inflation, suspension.				
36.	Checks left side compartments and compartment doors.				
37.	Checks pump panel, caps, valves, drains, etc., if so equipped.				
38.	Checks left side cab doors.				
BRAKING SYSTEM CHECK					
39.	Starts engine in preparation for brake system check.				
40.	Builds up air pressure to stop low air warning signal, if necessary.				
41.	Shuts down engine, leaving electrical system on, and pumps brakes to reduce air pressure. Low air warning should activate.				
42.	Releases parking brake. Continues pumping brakes. Parking brake should engage.				
43.	Assures parking brake is engaged. Builds air pressure. Puts vehicle in low gear, gently accelerates. Checks to see if vehicle creeps ahead.				
44.	Releases parking brake. Moves forward slowly (5 mph). Firmly applies brakes. Checks to see if vehicle pulls to one side or is delayed stopping.				
45.	Places transmission in 'P' or 'N'. Sets parking brake. Allows engine to idle down. Shuts down engine. Shuts off electrical system. Chocks wheels.				

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Massachusetts Fire Training Council

Driver/Operator- Aerial Practical Certification Examination

Skill Sheet No.	DOA-942	03-01-05	Candidate Number	
Skill Title: Driver Competency Course				
NFPA Objective:	2-3.1 thru 2-3.7, 3-1.2, 3-1.3	Minimum to pass	70	
PERFORMANCE:		Candidate starts with 100, less penalty points		

	1. STRAIGHT LINE, STOPPING, BACKING EXERCISE	
	Travels through straight line hugging left side without striking cones. Stops at end of the course within 6" from cones, then backs out of the line without striking cones.	
1.	Penalty points added for striking cones, over 6", etc.	
	2. CONFINED SPACE TURNAROUND	
	Travels toward corner of space. Maneuvers back and forward without projecting outside of boundaries. (Note: This is NOT a 3-point turn. There is no limit to number of turns.) Drives out of space in a forward direction.	
2.	Penalty points for protruding outside of cone boundaries, striking cones.	
	3. ALLEY DOCK EXERCISE	
	Backs vehicle into alley and stops vehicle within 6 inches of rear of alley.	
3.	Penalty points for striking edge of alley dock and for more than 6" from end. (cones)	
	4. SERPENTINE EXERCISE	
	Enters course, stays to the right of cones passing 3rd cone, and stops diagonally between 3rd and 4th cones. Backs to the left of 3 rd cone, right of the 2 nd cones, left of the 1 st cone. Stops at entrance and then drives forward to the right of the 1st cone, left of the 2 nd cone, right of the 3 rd cone, and exits on left side of course.	
4.	Penalty points for striking cones, crossing lines.	
	5. OFF-SET ALLEY EXERCISE	
	Drives through first alley and then proceeds through second alley.	
5.	Penalty points for striking cones.	
	6. DIMINISHING CLEARANCE EXERCISE	
	Drives through 100 foot long alley without striking any cones. (Note: alley starts at 9', 6" wide and ends at 8', 2" wide.)	
6.	Penalty points for striking cones.	
7.	OVER MAXIMUM ALLOWABLE TIME of 8 minutes: (10 points for each whole 15 seconds over 8 minutes)	
	TIME:	
	TOTAL PENALTY POINTS	
	PENALTIES: Striking cones (3 points); Crossing lines (1 point); Stopping more than 6" from target (2 points); more than 12" (4 points); more than 18" (6 points)	
	TOTAL SCORE: (100 minus total penalty points)	

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Driver/Operator- Aerial Practical Certification Examination

Skill Sheet No.	DOA-943	10-11-05	Candidate Number	
Skill Title: Raise aerial to the roof of a building				
NFPA Objective:	3-2.1, 3-2.2	Minimum to pass	12	
PERFORMANCE:				P F

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Driver/Operator- Aerial Practical Certification Examination

Skill Sheet No.	DOA-944	10-11-05	Candidate Number	
Skill Title: Raise aerial to a window for rescue				
NFPA Objective:	3-2.1, 3-2.2	Minimum to pass	12	
PERFORMANCE:				P F

	1.	Wears appropriate PPE				
	2.	Engages parking brake before exiting the apparatus.				
	3.	Engages the aerial before exiting the apparatus.				
	4.	Chocks the wheels immediately after exiting the apparatus.				
	5.	Engages switch for stabilization.				
	6.	Properly stabilizes vehicle for aerial operation.				
	7.	Disengages stabilizers, readies for aerial operation.				
	8.	Raises aerial to roof at 90° to building.				
	9.	Raises aerial ladder to a point even with, or slightly below the windowsill.				
	10.	Makes ladder secure.				
	11.	Remove aerial from the window location.				
	12.	Rotates aerial to center position for lowering.				
	13.	Lowers aerial into bed.				
	14.	Disengages aerial, readies for stabilizer operation.				
	15.	Fully retracts stabilizers.				
	16.	Disengages aerial/stabilizer switch.				
	17.	Completes evolution as directed.				

■ Failure of this critical portion is cause for entire skill failure

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